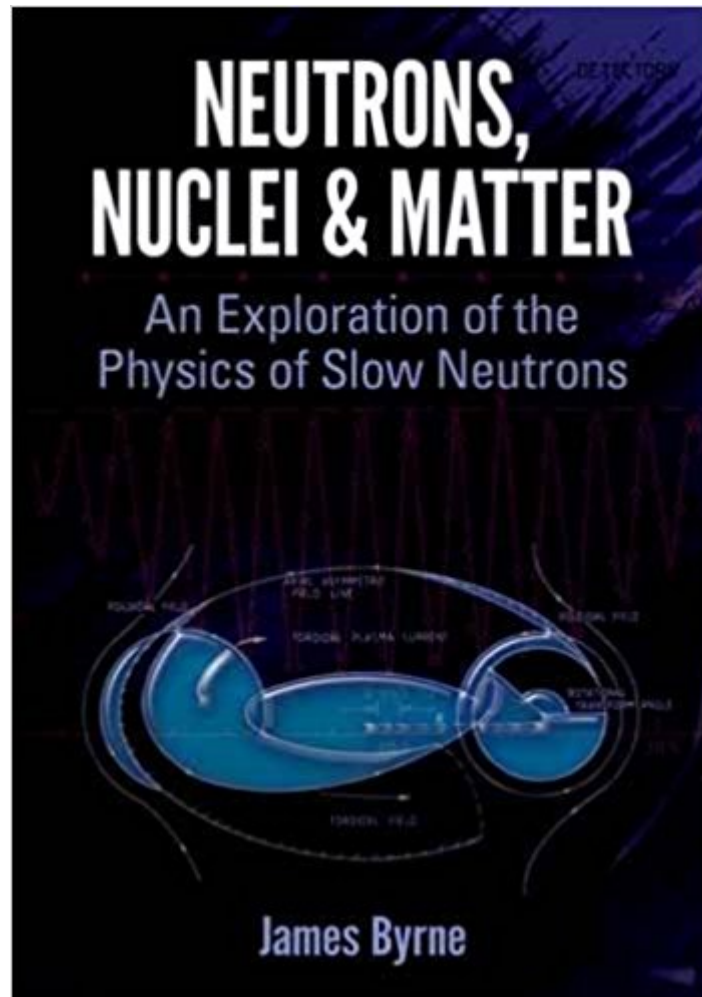


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# Neutrons, Nuclei And Matter: An Exploration Of The Physics Of Slow Neutrons (Dover Books On Physics)



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"A first-principles discussion of the fundamental neutron interactions . . . the writing is clear, and the explanations stress essential physical principles . . . an excellent survey."âPhysics Today"A must for libraries of all universities and laboratories that are engaged in nuclear physics, particle physics, nuclear energy, astrophysics or condensed matter research . . . an outstanding multidisciplinary introduction to the physics and applications of cold neutrons."âPhysics World"So many tables, facts and figures . . . the coverage is remarkable."âAmerican ScientistThis encyclopedic reference work covers nearly every conceivable aspect of neutron physics. Assembled by an expert in the field, it ranges from the neutron's role as a major element in tests of the standard model of astro-particle physics to its use in nuclear energy generation and the study of condensed matter systems. The multidisciplinary approach includes detailed treatment of strong, weak, and electromagnetic properties of the neutron as well as parallel developments in cosmology and astrophysics. Each subject is placed within its scientific context and receives considerable attention to historical detail.

## Book Information

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